MEDICAL SCHOOL
UNIVERSITY OF MINNESOTA

LECTURE SUMMARIES

Biomarkers for Tobacco Exposure

Application to Clinical And Epidemiological Studies

October 25-26, 2001

Crowne Plaza Northstar Hotel
618 Second Avenue South
Minneapolis, Minnesota

Sponsored by
Transdisciplinary Tobacco Use Research Center
University of Minnesota Cancer Center
Continuing Medical Education
Medical School
University of Minnesota

PM3003732221

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

Marriott Reward # 38186102

Biomarkers for Tobacco Exposure
Application to Clinical And Epidemiological Studies

Holiday Inn 943918951

October 25-26, 2001
Crowne Plaza Northstar Hotel
618 Second Avenue South
Minneapolis, Minnesota

Sponsored by
Transdisciplinary Tobacco Use Research Center - University of Minnesota Cancer Center
Continuing Medical Education - Medical School - University of Minnesota

---

Biomarkers of tobacco exposure include chemicals present in tobacco or tobacco smoke, metabolic products of these chemicals, and biological effects that mediate or accompany tobacco-related disease. The purpose of this conference is to comprehensively review a wide range of currently available and potential biomarkers, the types of information each provides, and how to incorporate them into clinical or epidemiological studies. Analytical methodology will be considered only insofar as it contributes to understanding how to best use these biomarkers. The target audience is investigators who use biomarkers as tools to measure tobacco exposure or effects.

Poster Submission
Poster submissions relevant to the theme of this conference are invited. Posters that have already been presented elsewhere are welcome. Submission deadline for poster abstracts is 8/31/01. Please send an abstract of <250 text words with authors, affiliations, acknowledgment of financial support, and a separate letter identifying any potential conflicts of interest to: Paul Pentel, MD, Department of Medicine, Hennepin County Medical Center, 701 Park Ave S., Minneapolis, MN 55415 or (fax) 612-904-4366, email pente001@umn.edu

---

CME HOME

Educational Objectives
Following this conference, participants will be able to:
*Identify currently available and potential biomarkers of tobacco exposure and tobacco-related diseases
*Describe the types of information each biomarker provides
*Outline the effective use of biomarkers in clinical or epidemiological studies

Accreditation
Physicians:
The University of Minnesota is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Minnesota designates this educational activity for a maximum of 8.5 hours in category 1 credit toward the AMA Physician's Recognition Award. Each physician should claim only those hours of credit actually spent in the educational activity.

PM3003732222

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

Minnesota Board of Nursing:
This program has been designed to meet the Minnesota Board of Nursing Continuing Education requirements and is acceptable for 10.2 contact hours of continuing education.

Preliminary Agenda

Thursday October 25

7:30 REGISTRATION AND CONTINENTAL BREAKFAST

8:30 INTRODUCTORY REMARKS
Paul Pentel, MD

MODERATOR
Paul Pentel, MD

8:45 OVERVIEW OF BIOMARKERS FOR TOBACCO EXPOSURE
Mitch Zeller, JD

9:20 NICOTINE AND ITS METABOLITES
Neal Benowitz, MD

9:55 MINOR TOBACCO ALKALOIDS AS BIOMARKERS OF TOBACCO EXPOSURE
Peyton Jacob III, PhD

10:30 REFRESHMENTS AND POSTER SESSION

MODERATOR
Deborah Hennrikus, PhD

11:00 MEASUREMENT OF ENVIRONMENTAL TOBACCO EXPOSURE
Katharine Hammond, PhD

11:35 EPIDEMIOLOGY OF EXPOSURE REDUCTION
David Burns, MD

12:10 LUNCH (PROVIDED FOR ALL REGISTRANTS)

MODERATOR
Stephen Hecht, PhD

1:15 CARCINOGENS I: URINARY BIOMARKERS OF CARCINOGEN UPTAKE
Stephen Hecht, PhD

1:50 CARCINOGENS II: HEMOGLOBIN ADDUCTS AS BIOMARKERS OF CARCINOGEN UPTAKE

PM3003732223

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

Paul Skipper, PhD

2:25 REFRESHMENTS AND POSTER SESSION

2:40 CARCINOGENS III: GENETIC POLYMORPHISMS RELATIONSHIP TO CARCINOGENESIS
Peter Shields, MD

3:15 CARCINOGENS IV: HISTOLOGIC BIOMARKERS OF CARCINOGEN EXPOSURE
William Rom, MD, MPH

3:50 BIOMARKERS OF TOBACCO- RELATED PULMONARY DISEASE
Stephen Rennard, MD

4:15 DISCUSSANT
Dietrich Hoffman, PhD

4:30 RECEPTION

Friday October 26

7:30 BREAKFAST BUFFET

MODERATOR
Anne Joseph, MD, MPH

8:30 CARDIOVASCULAR DISEASE I: MECHANISMS
Neal Benowitz, MD

9:05 CARDIOVASCULAR DISEASE II: CLINICAL MARKERS
Edward McFalls, MD

9:40 BIOMARKERS OF FETAL EFFECTS OF TOBACCO
Cheryl Oncken, MD, MPH

10:15 REFRESHMENTS

MODERATOR
Dorothy Hatsukami, PhD

10:30 NEW NICOTINE DELIVERY DEVICES-
ASSESSMENT USING BIOMARKERS
John Slade, MD

11:05 PANEL DISCUSSION-
BIOMARKERS FOR THE ASSESSMENT OF CIGARETTES
Neal Benowitz, MD, Dietrich Hoffman, PhD,
John Slade, MD, Mitch Zeller, JD

PM3003732224

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

11:40 CLOSING REMARKS
Dorothy Hatsukami, PhD

11:50 ADJOURNMENT

Organizing Committee: Dorothy Hatsukami, PhD, Stephen Hecht, PhD, Deborah Hennrikus, PhD, Anne Joseph MD, MPH, Harry Lando, PhD, Paul Pentel, MD

Course Faculty
NEAL BENOWITZ, MD, Professor of Medicine, Biopharmaceutical Sciences and Psychiatry, Clinical Pharmacology, University of California, San Francisco

DAVID BURNS, MD, Professor of Medicine, University of California, San Diego

KATHARINE HAMMOND, PhD, Associate Professor of Environmental Health Sciences, University of California, Berkeley

DOROTHY HATSUKAMI, PhD, Professor, Department of Psychiatry, University of Minnesota Medical School; Director,
Tobacco Use Research Center, Minneapolis

STEPHEN HECHT, PhD, Carcinogenesis & Chemoprevention Program Leader, University of Minnesota Cancer Center, Minneapolis

DEBORAH HENNRIKUS, PhD, Assistant Professor, Division of Epidemiology, School of Public Health, University of Minnesota, Minneapolis

DIETRICH HOFFMAN, PhD, Associate Director, American Health Foundation, Valhalla, New York

PEYTON JACOB, III, PhD, Research Chemist, Medicine and Psychiatry, University of California, San Francisco

ANNE JOSEPH, MD, MPH, Associate Professor, Department of Medicine; VA Medical Center, Minneapolis

EDWARD McFALLS, MD, Associate Professor, Department of Cardiology, Veterans Affairs Medical Center, Minneapolis

CHERYL ONCKEN, MD, MPH, Assistant Professor, Departments of Medicine and Obstetrics & Gynecology, University of Connecticut Health Center, Farmington

PAUL PENTEL, Professor, Departments of Medicine and Pharmacology, Hennepin County Medical Center; University of Minnesota, Minneapolis

STEPHEN RENNARD, MD, Professor, Department of Internal Medicine-Pulmonary and Critical Care Medicine, University of Nebraska Medical Center, Omaha

PM3003732225

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

WILLIAM ROM, MD, MPH, Professor & Chief, Division of Pulmonary Medicine & Clinical Care Medicine, New York University Medical Center, New York

PETER SHIELDS, MD, Director, Cancer Genetics & Epidemiology Program, Georgetown University Medical Center; Lomardi Cancer Center, Washington D.C.

PAUL SKIPPER, PhD, Principal Research Scientist, Division of Bioengineering & Environment, Massachusetts Institute of Technology, Cambridge

JOHN SLADE, MD, Director, Program in Addictions, University of Medicine & Dentistry of New Jersey, New Brunswick

MITCH ZELLER, JD, Executive Vice President, American Legacy Foundation, Washington D.C.

Registration Fees
The fee for this conference is $100 and includes records processing, conference materials, continental breakfast and lunch on Thursday, breakfast buffet on Friday, refreshment breaks, and reception on Thursday. The registration fee, less a $25 administration charge, is refundable provided the Office of Continuing Medical Education is notified of cancellation prior to the conference.

The fee is waived for full-time faculty, medical residents/fellows and graduate students of the University of Minnesota Medical School .
Registrations will necessarily be limited.

Marriott 800-450-4442
601 468-4000

Register by Telephone, Fax, Mail, or E-Mail
You may choose one of the following methods to register for this course:

*Fill in, print out, and mail in the registration form along with a check or credit card information (VISA, MasterCard or American Express) to the Office of Continuing Medical Education
*Call CME at (612) 626-7600 or toll-free at 1-800-776-8636
*Fill in, print out, and FAX your registration and credit card information to CME at (612) 626-7766
*E-Mail ALL of the information requested on the Registration Form, including the title of the course. E-mail address for registrations is: cmereg@tc.umn.edu

Location/Sleeping Rooms
The conference will be held at the Crowne Plaza Northstar Hotel located in downtown Minneapolis at 618 Second Avenue, Telephone: (612) 338-2288

A block of sleeping rooms is being held at the Crowne Plaza for registrants. Reservations are to be made directly with the hotel before September 28 to insure the special course rate of $95 single or double occupancy plus applicable taxes (currently 12%). Refer to this conference, University of Minnesota Tobacco Center Conference, to guarantee the room rate. Reservations received after September 28 are subject to space availability and at prevailing room rates.

Conference Support
Funding for the conference is provided through grants to the The Transdisciplinary Tobacco Use Research Center at the University of Minnesota from:

PM3003732226

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001

o National Institute on Drug Abuse
o National Cancer Institute
o Robert Wood Johnson Foundation

The University of Minnesota is an equal opportunity educator and employer

Click Here to Access Registration Form

PM3003732227

Source: https://www.industrydocuments.ucsf.edu/docs/njmj0001